

Serial No.: 10/723,932

Attorney Docket No.: 2003P00078US

REMARKS

Upon entry of the instant amendment, claims 1-15 are pending. Claims 1, 5, and 11 have been amended to more particularly point out Applicant's invention.

Claim 1 has been rejected under 35 U.S.C. 102(b) as being anticipated by Berman, U.S. Patent No. 65,754,831 ("Berman"). In order for there to be anticipation, each and every element of the claimed invention must be present in a single prior reference. Applicants respectfully submit that the claimed invention is not taught, suggested, or implied by Berman.

As described in the Specification, one aspect of the present invention relates to a system for modeling real time systems that includes a plurality of modules for modeling components of a system. Each module represents a single component of the system or other systems that compete for system resources. In one embodiment, each module is defined by an XML-based script. The scripts describe the communication, load and delay behavior of the modules. Using the script, a module can originate, receive or forward messages, while introducing specified load and delay. Furthermore, the scripts can also include instructions to log the messages that contain the history of delays introduced at different modules.

Thus, claim 1 has been amended to recite "the module definition language including an MDLScript tag having attributes as set forth below:

Attribute	Description
Name	Name of the module. If not specified, the default name is constructed from the hostname and the port number
Port	Port number on which the module will be listening for new messages. Each module requires a different port number.
Threads	Number of threads that will be used in this module. Current version supports ThreadPooling, where the Operating System allocates the threads

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In contrast, as discussed in Response to previous Official Actions, Berman does not provide for distributed modules or a module definition language as recited. As such, the Examiner is respectfully requested to reconsider and withdraw the rejection.

Claims 3 and 4 were rejected under 35 U.S.C. 103(a) as being unpatentable over Berman. As discussed above, however, Berman does not provide for, inter alia, defining one or more system components as corresponding distributed modules using a module definition language as recited. As such, the Examiner is respectfully requested to reconsider and withdraw the rejection

Claims 2 and 5-15 were rejected under 35 U.S.C. 103(a) as being unpatentable over Berman in view of Takahashi et al., U.S. Patent No. 7,031,895 ("Takahashi"). Applicant respectfully submits that the claimed invention is not taught, suggested, or implied by Berman or Takahashi, either singly or in combination. Claims 5 and 11 have been amended to recite "the modules defined in a module definition language including an MDLScript tag having attributes as set forth below:

Attribute	Description
Name	Name of the module. If not specified, the default name is constructed from the hostname and the port number
Port	Port number on which the module will be listening for new messages. Each module requires a different port number.
Threads	Number of threads that will be used in this module. Current version supports ThreadPooling, where the Operating System allocates the threads

Like Berman, Takahashi does not provide a module definition language as claimed. As such, the Examiner is respectfully requested to reconsider and withdraw the rejection.

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For all of the above reasons, Applicant respectfully submit that the application is in condition for allowance, which allowance is earnestly solicited.

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